

REMARKS

Claims 1-95 are pending in the application. Claims 1-42, 45, 49, 51, 51 and 55-91 are withdrawn from consideration.

Claims 46-48 and 94 are allowed. Claims 43-44, 50, 53, 54, 92, 93, and 95 are rejected.

Applicant has amended the first paragraph of the present application to claim priority from the parent application, U.S. Patent No. 6,333,932 filed on August 21, 1995.

Applicant further claims foreign priority under 35 U.S.C. § 119 from a Japanese Patent Application No. 06-255120 filed August 22, 1994. A certified copy of the foreign application was filed under parent application. As respectfully requested the Examiner review and acknowledgment the claim for foreign priority.

The specification was objected to for several informalities which have been corrected herein.

Claims 43, 44, 50, 53 and 54 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Claims 43, 44 and 50 have been amended to overcome the rejections of the Office Action. The claims have not been narrowed but now recite what was inherently intended.

Claims 95 and 50 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Kim et al. in view of Deb et al. Claim 92 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Kim et al. in view of Kanda.


Kim et al. has a U.S. filing date of October 14, 1997. The present application claims priority from a parent application filed on August 21, 1995. The present application has a U.S. filing date the precedes Kim et al., therefore Kim et al. is an improper reference. The rejection of claims 50, 92 and 95 is traversed.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page is captioned "Versions with markings to show changes made."

In view of the amendments and remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

At page 1, before first paragraph, please insert the following:

--This is a Division of Application 08/518,110 filed August 21, 1995, now U.S. Patent No. 6,333,932.--

At page 3, paragraph 2, starting on line 18, please change to read as follows:

Thus, the conventional SMDS has been limited in its process speed because the processes in the SMDS processing server are performed through various software. Therefore, when connectionless communications data is transmitted using an SMDS, the operations of the transmission line and switch are [sped] speed up with the SMDS processing server processes interfering as a bottleneck, thereby preventing an actual high-speed process from being successfully realized. Furthermore, when the above described structuring process in the SMDS processing server, all cells forming each L3-PDU should be temporarily stored. Therefore, the necessary buffer capacity undesirably becomes very large.

At page 19, paragraph 2, starting on line 16, please change to read as follows:

The ATM cell of the BISDN is a 53-octet cell, and the L2-PDU (level 2 protocol data unit cell) of the SMDS is a 53-byte cell. That is, they are similar in basic configuration, but different in contents of [teh] the header and payload and in value of [th] the HEC and HCS. Figure 907(a) and (b) show the configurations of the ATM cell and L2-PDU cell.

IN THE CLAIMS:

Please amend the claims as follows:

43.(twice amended) The switch station according to claim 93 wherein

said interface unit converts the data format of the control information into the data format processed by the [exchange] switch station, adds to the control information such routing information as can be identified by the [exchange] switch station and routed by said interface unit at a receiving equipment, and transmits the information to the [exchange] switch station.

44.(twice amended) The switch station according to claim 43, [herein] wherein

said intra-station device comprises identifying means for identifying whether received data is subscriber data or the control information; and

said intra-station device transmits the data after adding routing information, when said identifying means has received the subscribed data, to received subscriber data to be routed to a destination, and after adding the routing information, when said identifying means has received the control information, to received control information to be routed to said interface unit at [a] said receiving equipment.

50.(thrice amended) A switch station according to claim 95, wherein

said control processor checks for a fault in [a communication] said loopback device connected to the control processor according to the program for [a] said loopback test.